"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446720011-5

SAFRONOV, Ye.

Genius of the great Lenin laid the groundwork for the founding of "Second Baku." Neftianik 6 no.4:1-3 Ap '61. (MIRA 14:8)
("Second Baku"--Oil fields)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446720011-5"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446720011-5

Sov/93-58-4-1/19

AUTHOR: Safronov, Ye.D.

TITLE: The Lenin Documents on the Petroleum Industry (Leninskiye dokumenty o neftyanoy promyshlennosti)

PERIODICAL: Neftyanoye khozyaystvo, 1958, Nr 4, pp 1-12 (USSR)

ABSTRACT: The author reviews the Lenin documents on the Soviet petroleum industry and notes Lenin's contribution to the development of this industry in the Soviet Union. The author concludes by quoting a statement by N.S. Khrushchev in which he declared that the annual petroleum production of the USSR must increase to 350-400 million tons within the next 15 years. There are 66 Soviet references to Lenin's Works and to works on Lenin by other authors.

1. Petroleum industry--USSR 2. Literature

Card 1/1

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446720011-5"

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SAFRONOV, Ye.D.

Lenin documents on chemistry and the chemical industry. Neftianik 7 no.6:1-3 Je '62. (MIRA 15:8)
(Lenin, Vladimir Il'ich, 1870-1924)
(Chemicals industry)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446720011-5"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446720011-5

SOROCHKIN, V.N., inzh.; SAFRONOV, Ye.D., inzh.

Welding excavator assemblies of completely manufactured units.
Svar.proizv. no.7:23-25 Jl '62. (MIRA 15:12)

1. Vsesoyuznyy proyektno-tekhnologicheskiy institut Mosgorsovnarkhoza (for Sorochkin). 2. Kostromskoy ekskavatornyy zavod "Rabochiy metallist" (for Safronov).
(Excavating machinery—Welding)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446720011-5"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446720011-5

SAFRONOV, Ye.I.

Case of radiation sickness caused by internal irradiation. (MIRA 17:9)
Med. rad. 9 no.2:64-71 F '64.

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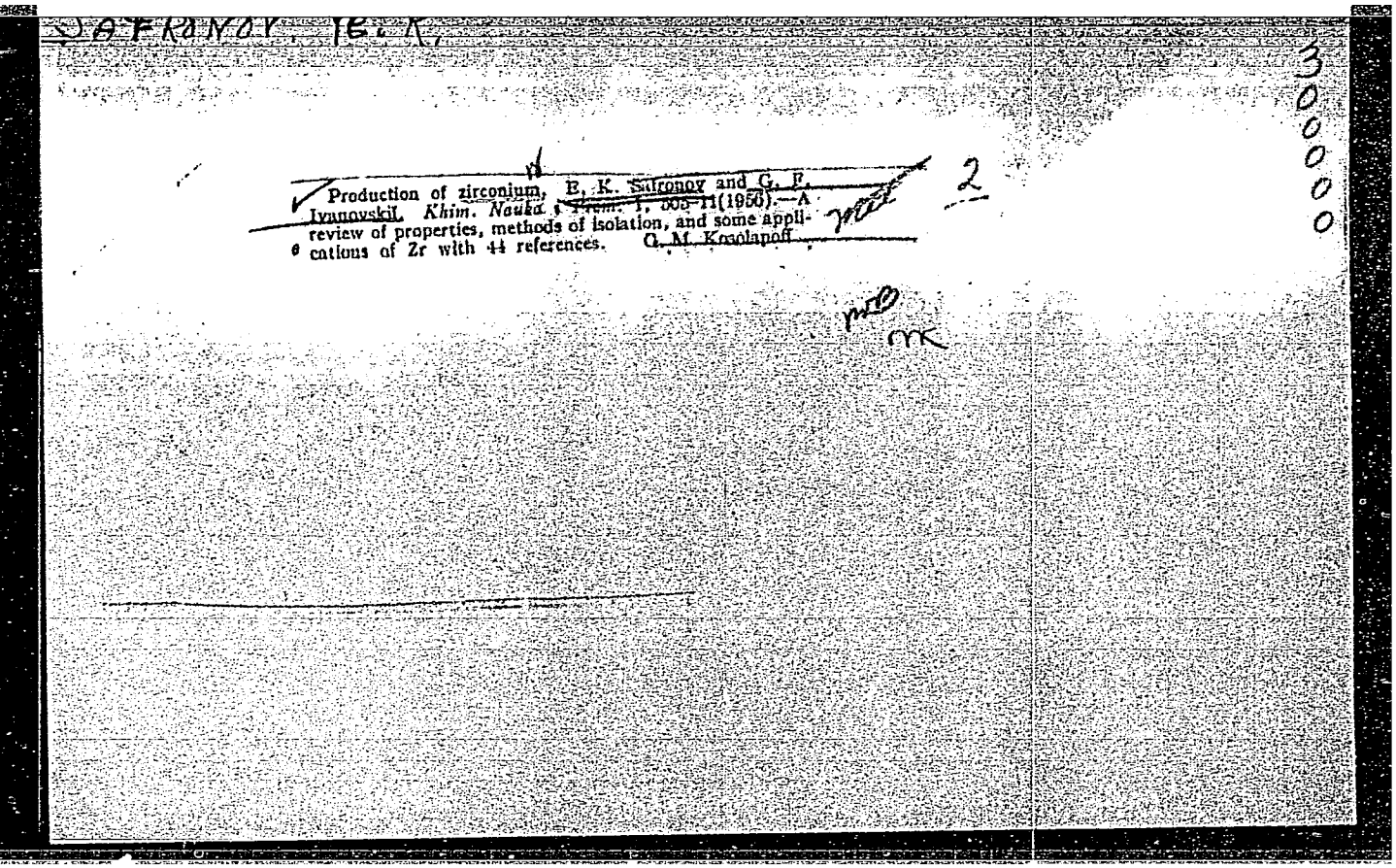

SOFRONOV, B.K.

Production of zirconium. B. K. Sofronov and G. F. Ivanovskii. *Khim. Nauka i Prom.* 1, 605–11(1956).—A review of properties, methods of isolation, and some applications of Zr with 44 references. G. M. Kosolapoff

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446720011-5

SOV/20-122-3-21/57

AUTHORS: Krichevskiy, I. R., Ivanovskiy, G. F., Safronov, Ye. K.

TITLE: The Solubility of Silicon Tetraiodide in Nonaqueous Solvents (Rastvorimost' tetrayodida kremniya v nevodnykh rastvoritelyakh)

PERIODICAL: Doklady Akademii nauk SSSR, 1958, Vol 122, Nr 3, pp 400-402 (USSR)

ABSTRACT: The recrystallization of the substance mentioned first in the title in nonaqueous solvents is one of the important stages of the purification of the first and serves for the production of highly pure silicon. Since only a limited number of publications dealt with this problem (Refs 1,2) the authors prepared the following paper. As solvents were used: benzene, toluene, xylene, cyclohexane, chloroform, normal octane and silicon tetrachloride. The solubility was determined according to the Alekseyev method (Ref 3). Constant temperatures were kept by means of an oil-thermostat. The mixture was stirred at temperatures close to those of the disappearance of the solid phase. This was enough for the establishment of the equilibrium between the liquid and the solid phase. The curves of solubility are shown on figure 1. The results obtained strongly deviate from data given in

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publications (Ref 2). Obviously the latter may be regarded as wrong. It can be supposed from the character of the curves that the solutions investigated are regular. There are 1 figure, 1 table, and 7 references, 1 of which is Soviet.

PRESENTED: May 9, 1958, by S. A. Vekshinskiy, Member, Academy of Sciences, USSR

SUBMITTED: April 25, 1958



APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446720011-5"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446720011-5

KYZ'MIN, A.A.; SAFRONOV, Ye.K.

Refining of silicon by the iodide method. Zhur.prikl.khim. 33 no.3:591-597 Mr '60. (MIRA 13:6)
(Silicon)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446720011-5"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446720011-5

L 10515-66 EWT(m) JW

ACC NR: AP5027187 SOURCE CODE: UR/0076/65/039/010/2594/2595

AUTHOR: Krichevskiy, I. R.; Ivanovskiy, G. F.; Safronov, Ye. K.

ORG: State Institute of the Nitrogen Industry (Gosudarstvennyy institut azotnoy promyshlennosti)

TITLE: Vapor pressure of silicon tetraiodide

SOURCE: Zhurnal fizicheskoy khimii, v. 39, no. 10, 1965, 2594-2595

TOPIC TAGS: vapor pressure, silicon compound, iodide, heat of sublimation, heat of fusion, PRESSURE MEASUREMENT

ABSTRACT: The object of the study was to determine the temperature dependence of the vapor pressure of silicon tetraiodide. The vapor pressure was measured with an isoteniscope, with mercury as the manometer liquid. It had been established first that mercury does not react with silicon tetraiodide. Thermostating was done in an oil thermostat within ± 0.1°C. The vapor pressure of silicon tetraiodide was measured in the range from 0.2 to 5 mm Hg. The results are shown below:

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| °C | 70.0 | 72.2 | 79.7 | 90.0 | 100.2 | 103.2 | 105.9 | 109.2 | 113.3 | 115.0 | 119.7 |
| p, mm Hg | 0.214 | 0.24 | 0.33 | 0.65 | 1.37 | 1.555 | 1.70 | 2.24 | 2.61 | 2.90 | 2.48 |

| | | |
|---|---|---|
| °C | 123.0 | 123 |
| p, mm Hg | 4.61 | 4.95 |

$$\log p = 9.93 - 367.0\, T^{-1}$$

Card 1/2 UDC: 541.11+546.28

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L 10515-66

ACC NR: AP5027187

6

The heat of sublimation and the heat of fusion, calculated from experimental data, were found to be 16700 cal/mole and 3700 cal/mole, respectively. Orig. art. has: 1 formula.

SUB CODE: 07 / SUBM DATE: 11Jul64 / ORIG REF: 001 / OTH REF: 003

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APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446720011-5"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446720011-5

KRICHEVSKIY, I.R.; IVANOVSKIY, G.F.; SAFRONOV, Ye.K.

Solubility of titanium tetraiodide in benzene. Zhur.fiz.khim. 39 no.11:2684 N '65. (MIRA 18:12)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446720011-5"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446720011-5

L 41734-66 EWT(m)/T/EWP(t)/ETI IJP(c) DS/JD/WW/JG

ACC NR: AP6019529 (N) SOURCE CODE: UR/0020/66/168/004/0814/0816

AUTHOR: Denisova, N. D.; Safronov, Ye. K.

ORG: none

TITLE: Phase equilibrium between liquid and gas in the $ZrCl_4$-$HfCl_4$ system

SOURCE: AN SSSR. Doklady, v. 168, no. 4, 1966, 814-816

TOPIC TAGS: phase equilibrium, phase diagram, phase composition, phase analysis, zirconium compound, hafnium compound

ABSTRACT: Liquid-gas phase equilibrium of the $ZrCl_4$-$HfCl_4$ system was studied in the temperature interval ranging from the melting point to the critical temperature. Molar volumes and compositions of the liquid and gaseous phases were also determined in the 430°-500°C range for various $ZrCl_4$/$HfCl_4$ ratios. It was found that for $T \to T_{critical}$, the compositions of the liquid and gaseous phases were identical. It was also found that because of $T/T_{critical} = 0.925$ at 440°C, the critical temperature of the $ZrCl_4$-$HfCl_4$ system at $HfCl_4$ content →0 was 50°-60°C lower than the $T_{critical}$ of pure $ZrCl_4$.

The authors thank I. R. Krichevskiy and G. D. Yefremov for their valuable advice in

UDC: 541.012.6

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APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446720011-5"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446720011-5

L 41714-66

ACC NR: AP6019529

conducting of experiments and for discussion of the results. Presented by Academician N. P. Sazhin on 9 September 1965. Orig. art. has: 2 figures, 3 formulas.

SUB CODE: 07/ SUBM DATE: 15Aug65/ ORIG REF: 006

Card 2/2

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446720011-5"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446720011-5

REBROV, B.V., kand.tekhn.nauk; SAFRONOV, Ye.M., kand.tekhn.nauk

Marine power plants; manual for students of shipbuilding institutes. Sudostroenie 29 no.9:72 S '63. (MIRA 16:11)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446720011-5"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446720011-5

L 06460-67 EWT(m) ES/JR

ACC NR: AP6024538 SOURCE CODE: UR/0089/66/021.001/0022/0026

AUTHOR: Safronov, Ye. Ya.; Briskman, B. A.; Bondarev, V. D.; Shishov, V. S. 42 B

ORG: none

TITLE: Investigation of thermal deformations of fuel elements 19

SOURCE: Atomnaya energiya, v. 21, no. 1, 1966, 22-26

TOPIC TAGS: reactor fuel element, thermal stress, temperature gradient, shell deformation, reactor neutron flux

ABSTRACT: The authors investigated the temperature differentials in the walls of a metal-clad fuel element of hexagonal cross section under conditions of a radial neutron-flux gradient. An analytic solution of the differential equations showed that the temperature drop can reach 40C. The experiments were made on an electrically heated dummy fuel rod (AND-5000/2500) cooled with tap water. Formulas are derived for the dependence of the temperature drop on the current, with allowance for the temperature dependence of the dummy-rod resistance. The procedure for measuring the stresses in various points of the cladding is described in detail. Plots were obtained for the deflection of the rod against the temperature drop, of the distribution of the deformation along the height of the rod, of the distributions of the temperature and of the deflection over the perimeter of the central section of the rod, and of the deformation distribution over several sections of the rod. At temperature drops ~25C, the maximum deflections in the central section of a rod was 0.6 - 0.7 mm. It is con-

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446720011-5

L 06460-67

ACC NR: AP6024538

cluded that in view of the small gaps between cladding of neighboring fuel elements, the thermal deformation imposes a limit on the attainable reactor power. Orig. art. has: 6 figures and 13 formulas.

SUB CODE: 18/ SUBM DATE: 17Nov65/ ORIG REF: 001/ OTH REF: 001

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APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446720011-5"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446720011-5

SAFRONOV, YU.

The meteorite. Nauka i tekh mladezh 14 no.7:19,26-28 Jl '62.

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446720011-5"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446720011-5

ARIYEVICH, E., nauchnyy sotrudnik; SAFRONOV, Yu., nauchnyy sotrudnik

Houses, apartments and people. Sov. profsoiuzy 19 no.22:30-33 D '63. (MIRA 17:1)

1. Akademiya kommunal'nogo knozyaystva imeni Pamfilova, Moskva.

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446720011-5"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446720011-5

ACC NR: AP6034620 SOURCE CODE: UR/0380/66/000/006/0059/0065

AUTHOR: Safronov, Yu. G. (Moscow); Frolov, K. V. (Moscow)

ORG: none

TITLE: Vibration analysis of the cylinder block of an axial piston pump

SOURCE: Mashinovedeniye, no. 6, 1966, 59-65

TOPIC TAGS: vibration analysis, vibration measurement, axial pump, mechanical vibration, machine vibration, hydraulic pump, strain gage

ABSTRACT: An experimental method for determining the clearance between the cylinder block and the distributor of an axial piston pump by the use of strain gages is described. With the experimentally derived results and oscillograms it is possible to determine the nature of the vibrations of a pump's cylinder block in a steady or transitional stage of operation. In this analysis, a dynamic model of a cylinder block on an elastic oil layer was used. The motion of the investigated system, having four degrees of freedom, was defined by a system of differential equations. Results showed that under all operating conditions the nine-cylinder block of the pump running at 1000 rpm developed a vibration frequency of 150 hz, which coincided with the first harmonic of the hydraulic force pressing the cylinder block against the distributor during operation. Results indicated that an increased load on the pump increased

UDC: 621.654

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446720011-5

ACC NR: AP6034620

the vibration amplitude of the cylinder block. The oscillograms showed that during compression the average clearance between the distributor and cylinder block decreased and increased during intake. The described experimental method is recommended for investigating very small clearance variations in axial-piston pumps. The criteria of this article may be of interest for design studies on new hydraulic axial piston equipment. Orig. art. has: 5 figures. [WA-98]

SUB CODE: 13, 20/ SUBM DATE: 15Dec65/ ORIG REF: 006/

Card 2/2

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446720011-5"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446720011-5

SOURCE CODE:

ACC NR: AP6034620

AUTHOR: Safronov, Yu. G. (Moscow); Frolov, K. V. (Moscow)

ORG: none

TITLE: Vibration analysis of the cylinder block of an axial piston pump

SOURCE: Mashinovedeniye, no. 6, 1966, 59-65

TOPIC TAGS: vibration analysis, vibration measurement, axial pump, mechanical vibration, machine vibration, hydraulic pump, strain gage

ABSTRACT: An experimental method for determining the clearance between the cylinder block and the distributor of an axial piston pump by the use of strain gages is described. With the experimentally derived results and oscillograms it is possible to determine the nature of the vibrations of a pump's cylinder block in a steady or transitional stage of operation. In this analysis, a dynamic model of a cylinder block on an elastic oil layer was used. The motion of the investigated system, having four degrees of freedom, was defined by a system of differential equations. Results showed that under all operating conditions the nine-cylinder block of the pump running at 1000 rpm developed a vibration frequency of 150 hz, which coincided with the first harmonic of the hydraulic force pressing the cylinder block against the distributor during operation. Results indicated that an increased load on the pump increased

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446720011-5

L 36288-66 EWT(1)/EEC(k)-2/FSS-2 TT/GW

ACC NR: AR6004323 SOURCE CODE: UR/0274/65/000/009/A021/A021

AUTHORS: Pavlyniv, Ye. A.; Safronov, Yu. I.; Molenovskiy-Grishchenko, V. A. 53

TITLE: Operator's panel in a station for visual observations of an artificial earth satellite

SOURCE: Ref. zh. Radiotekhnika i elektrosvyaz', Abs. 9A161

REF SOURCE: Byul. st. optich. nablyudeniya iskusstv. sputnikov Zemli, no. 40, 1964, 18-19

TOPIC TAGS: artificial earth satellite, artificial satellite observation, satellite tracking, SPACECRAFT OBSERVATION STATION

ABSTRACT: Construction and work plan for separate blocks of an operator's panel in conducting visual observation of an artificial earth satellite (AES) are described. The panel was prepared at the AES observation station No. 1062 at the Chernovtsy State Institute, and it has worked for a year without failure. 4 illustrations. A. K. [Translation of abstract]

SUB CODE: 22

Card 1/1 UDC: 621.396.946:629.198.5

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446720011-5"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446720011-5

SAFRONOV, Yu.M.

Plastic roofs and their characteristics. Nov. tekh. zhil.-kom. khoz.:Zhil. khoz. no.2:98-105 '63. (MIRA 18:6)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446720011-5"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446720011-5

SAFRONOV, Yu.M.

Maintenance qualities of roofing material from plastic elements. Nauch. trudy AKKH no.31:76-81 '64.

Corrugated plastic roofing sheets; efficient profile and the calculation method). Ibid.:82-89

(MIRA 18:9)

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446720011-5

SAFRONOV, Yu. M.

Overcome seasonal prevalence in overhauling facades of apartment houses. Gor. khoz. Mosk. 32 no.11:35 N '58. (MIRA 11:11)

1. Starshiy inzhener Moszhilupravleniya.
(Façades--Maintenance and repair)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446720011-5"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446720011-5

SAFRONOV, Yu.M.

Roofing materials made of plastics. Plast.massy no.11:37-38 '60.
(MIRA 13:12)

(Plastics) (Roofing)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446720011-5"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446720011-5

SAFRONOV, Yu.M.

Roof coverings made of plastics. Sbor. nauch. rab. AKKH no.16:74-78 '62. (MIRA 17:8)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446720011-5"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446720011-5

AL'TZITSER, V.S.; SAFRONOV, Yu.M.; TUGOV, I.I.; ROGOV, V.M.

Roof materials based on used resins. Biul.tekh.-ekon.inform.Gos. nauch.-issl.inst.nauch.i tekh.inform. no.12:17-18 '63. (MIRA 17:3)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446720011-5"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446720011-5

SAFRONOV, Yuriy Mikhaylovich

[Technical maintenance of roofs and attics] Tekhnicheskoe soderzhanie krovel' i cherdachnykh pomeshchenii. Moskva, Stroiizdat, 1965. 69 p. (MIRA 18:4)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446720011-5"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446720011-5

KIKTENKO, V.S., doktor med.nauk, prof.; SAFRONOV, Yu.P., kand.tekhn.nauk; KUDRYAVTSEV, S.I.; EL'MAN, R.I.; FEDOROV, B.F.; PUSHCHIN, N.I.; FEDOROVICH, A.A.

Photoelectronic count of the number of aerosol particles of organic and inorganic origin. Gig. i san. 26 no.2:47-53 F '61. (MIRA 14:10)

(AEROSOLS)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446720011-5"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446720011-5

S/194/62/000/006/035/232
D295/D308

AUTHORS: Kiktenko, B.S., Safronov, Yu.P., Kudryavtsev, S.I., El'man, R.I., Fedorov, B.F., Pushchin, N.I., and Fedorovich, A.A.

TITLE: Apparatus for the automatic counting of the particles of a bacterial aerosol

PERIODICAL: Referativnyy zhurnal. Avtomatika i radioelektronika, no. 6, 1962, abstract 6-2-65 p (Labor. delo, no. 10, 1961, 57-60)

TEXT: A description is given of an apparatus for the automatic counting of the number of particles of a bacterial aerosol passing through the cuvette of the flow-type ВДК(VDK) ultramicroscope. The apparatus consists of a photo-electronic unit, an amplifier and a pulse counter. The intensity of the light flux scattered by the particles is sufficient to be recorded by the ФЭУ -19 (FEU-19) and ФЭУ -25 (FEU-25) photo-multipliers. The duration of a light impulse from a particle is 0.5 - 0.6 sec. and the pulse repetition frequency depends on concentration and does not usually exceed 300 -

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AM4038590 BOOK EXPLOITATION S/

Safronov, YU. P.; Andrianov, YU. G.; Iyevlev, D. S.

Infrared technology in space (Infrakrasnaya tekhnika v kosmose), Moscow, Voyenizdat, 1963, 133 p. illus., biblio. 8,000 copies printed.

TOPIC TAGS: infrared, infrared communication, infrared missile detection, infrared ground reconnaisance, infrared anti missile missile, quantum mechanical generator

PURPOSE AND COVERAGE: On 4 October, 1957, the Soviet people, with the launching of the first earth satellite, opened a new epoch in the history of human progress -- the epoch of the storming of limitless cosmic space. In a short time our country achieved great successes in the interests of all peoples of our planet. There is reason to say that in the future the investigation of space will proceed at accelerating tempos. Mankind can enter the attack on space only by concentrating all knowledge and experience of the preceding development of society at a high level. Among other new types of technology in conquering space, an important role goes to infrared technology which, along with radio and radar engineering, can be used for observation and communication in space. Also, as considered abroad, it can be used to solve a number of military tasks, for example: for early detection of ballistic rockets, for guidance, and, in the future, for the destruction of military objects.

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446720011-5

AM4038590

The description of the use of infrared technology in space was written from the data of the domestic and foreign open press. The book is intended for the officer staff of our armed forces.

TABLE OF CONTENTS [abridged]:

Introduction -- 3
Ch. I. General use of infrared technology in space -- 7
Ch. II. Specifically military use of infrared technology in space -- 93

SUB CODE: DC, GM, NG SUBMITTED: 29May63 NR REF SOV: 020

OTHER: 025 DATE ACQ: 07May64

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APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446720011-5"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446720011-5

SAFRONOV, Yu.P.; ANDRIANOV, Yu.G.

Experimental study of the scattering indicatrices of water fogs in the short-wave infrared part of the spectrum. Izv. AN SSSR. Ser. geofiz. no.12:1866-1868 D '63.
(MIRA 17:1)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446720011-5"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446720011-5

SAFRONOV, Yuriy Pavlovich, kand. tekhn. nauk; MEL'NIKOVA, Zh.M., red.

[Infrared rays] Infrakrasnye luchi. Moskva, Izd-vo "Znanie," 1965. 32 p. (Novoe v zhizni, nauke, tekhnike. IV Seriia: Tekhnika, no.4) (MIRA 18:3)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446720011-5"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446720011-5

SAFRONOV, YU. V., VEDERNIKOV, N. L.

Agricultural machinery

Calculating the durability of the semi axle of the cultivator KP-2. Sel'khozmashina, No. 2, 1952.

Monthly List of Russian Accessions, Library of Congress, May 1952. Unclassified.

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446720011-5"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446720011-5

VEDERNIKOV, N. L.; SAFRONOV, YU. V.; AKSENTYAN, K. B.

Cultivators

Computations for the steering pole of the KP-3 cultivator. Sel'khozmashina, No. 9, 1952.

Monthly List of Russian Accessions, Library of Congress, December 1952. Unclassified.

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446720011-5

1. [illegible], V. I., YINKINA, YE. M., SAFRONOV, YU. V.

2. USSR (600)

4. Cultivators

7. Calculating a square axle and angle bracket for the KP-3 cultivator, Sel'khozmashina No. 3, 1953.

9. Monthly List of Russian Accessions, Library of Congress, June 1953. Unclassified.

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446720011-5"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446720011-5

SOV/124-58-10-11482
Translation from: Referativnyy zhurnal, Mekhanika, 1958, Nr 10, p 111 (USSR)

AUTHOR: Safronov, Yu.V.

TITLE: Free Torsional Vibrations of Shafts of Variable Cross Section (Svobodnyye krutil'nyye kolebaniya valov peremennogo secheniya)

PERIODICAL: Tr. Rostovsk.-n/D. in-ta s.-kh. mashinostr., 1957, Nr 8, part 1, pp 309-321

ABSTRACT: A frequency equation is derived for free torsional vibrations for a stepped shaft consisting of an arbitrary number of segments. The cross section of the shaft and the moment of inertia per unit length are constant within the bounds of each respective segment. Concentrated moments of inertia and elastic clamping obtain at the segment boundaries. Examination is made of the different cases of terminal conditions most frequently encountered: Both ends of the shaft are rigidly clamped; both ends are free; one end of the shaft is elastically fixed, the other is rigidly clamped; one end of the shaft is elastically fixed, the other being free or bearing a concentrated mass; one end free, the other clamped. The resultant frequency equations are used to make a choice in a manner analogous to the method of the



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Free Torsional Vibrations of Shafts of Variable Cross Section

remainder, yielding the frequency and then the shape of the elastic line of the shaft in the course of its vibrations. The results derived are illustrated by two examples.

A.F. Gurov



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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446720011-5

SAFRONOV, Yu.V. (Rostov-na-Donu); BANKOVSKAYA, N.V. [Bankovs'ka, N.V.] (Rostov-na-Donu)

Using the method of initial parameters in solving the problem of stability of rectangular plates [in Ukrainian with summaries in Russian and English]. Prykl. mekh. 4 no.1:61-69 '58. (MIRA 11:4)

1. Institut sil's'kogospodars'kogo mashinobuduvannya.
(Electric plates and shells)

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446720011-5

SAFRONOV, Yu.V.

Calculating compressed orthotropic rectangular plates. Izv.vys.uchab. zav.; stroi. i arkhit. no.5:28-37 '58. (MIRA 12:1)

1. Rostovskiy institut sel'skokhozyaystvennogo mashinostroyeniya. (Elastic plates and shells)

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446720011-5

SAFRONOV, Yu.V. (Rostov-na-Donu)

Stability of orthotrppic rectangular plates with two rigidly fixed edges. Prykl.mekh. 4 no.3:285-293 '58. (MIRA 13:8)

1. Rostovskiy-na-Dony institut sel'skokhozyaystvennogo mashinostroyeniya.

(Elastic plates and shells)

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446720011-5

SAFRONOV, Yu.V. (Rostov-na-Donu)

Initial stresses in sectional wheels with spokes. Izv. AN SSSR. Mekh. i mashinostr. no. 2:96-104 Mr-Ap '64. (MIRA 17:5)

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446720011-5

VOROVICH, I.I., doktor fiz.-mat. nauk, prof.; USTINOV, Yu.A., assistent; SAFRONOV, Yu.V., kand. fiz.-mat. nauk, dotsent

Determining contact pressure between the tire and the rim. Izv. vys. ucheb. zav.; mashinostr. no.10:26-37 '64 (MIRA 18:1)

1. Rostovskiy-na-Donu gosudarstvennyy universitet.

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446720011-5

VOROVICH, I.I., doktor fiz.-matem.nauk, prof.; SAFRONOV, Yu.V., kand.fiz.-matem.nauk, dotsent; USTINOV, Yu.A.

Axial slipping of tires on large-diameter spiral gear wheels. Vest.mashinostr. 44 no.12:13-17 D '64. (MIRA 18:2)

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446720011-5

SAFRONOV, Yu.V. (Rostov-na-Donu)

Effect of centrifugal forces on the stressed state of a spoked wheel. Izv. AN SSSR. Mekh. no.3:142-144 My-Je '65. (MIRA 18:7)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446720011-5"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446720011-5

VOROVICH, I.I., doktor fiz.-matem. nauk, prof.; LYUBIMOV, V.Ya.; SAFRONOV, Yu.V., kand. fiz.-matem. nauk, dotsent; SOFRONOV, Ye.I., kand. tekhn. nauk; USTINOV, Yu.A., kand. fiz.-matem. nauk

Reliability of fitting rim bands on gear-wheel centers. Vest. mashinostr. 45 no.7:23-26 Jl '65. (MIRA 18:10)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446720011-5"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446720011-5

SAFRONOV, Yu.V., kand.fiziko-matem.nauk

Calculating pressures between fitting surfaces in tired wheels with spokes. Vest.mashinostr. 45 no.11:15-16 N '65. (MIRA 18:12)

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446720011-5

SAFRONOV, Z.

Methods of delivering small-unit wall materials. Stroitel' 8 no.7:7,10,4 of cover Jl '62. (MIRA 15:8)
(Building materials--Transportation)

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446720011-5

SAFRONOV, Z.

Manufacture of arches or shells for roofs. Stroitel' 8 no.11: 5-6, 3 of cover N '62. (MIRA 16:1)
(Roofs, Shell) (Roofing, Concrete)

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446720011-5

SAFRONOV, Z.A.

Device for the production of paste. Mekh. stroi. 20 no.10:17 O '63. (MIRA 16:10)

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446720011-5

SAFRONOV, Zakhar Andreyevich, instruktor peredovykh metodov truda; MOVCHAN, F.F., inzhener, redaktor; KRYUGER, Yu.V., redaktor; VOLKOV, V.S., tekhnicheskiy redaktor.

[My experience in organizing painting work] Moi opyt organizatsii maliarnykh rabot. Moskva, Gos.izd-vo lit-ry po stroit. i arkhitekture, 1956. 71 p. (Painting, Industrial) (MLRA 9:5)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446720011-5"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446720011-5

SAFRONOV, Zakhar Andreyevich

How we work. Stroitel' no.7:13 Jl '59. (MIRA 12:10)

1. Starshiy instruktor peredovykh metodov truda po malyarnym rabotam Orgstroya Nauchno-issledovatel'skogo instituta organizatsii, mekhanizatsii i tekhnicheskoy pomoshchi stroitel'stvu. (Monchegorsk--Painting, Industrial)

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446720011-5

SAFRONOV, Zakhar Andreyevich

My suggestions. Stroitel' no.9:16-19 S '61. (MIRA 14:12)

1. Starshiy instruktor peredovykh metodov truda Gosudarstvennogo instituta po vnedreniyu peredovykh metodov raboty i truda v stroitel'stve Nauchno-issledovatel'skogo instituta organizatsii, mekhanizatsii i tekhnicheskoy pomoshchi stroitel'stvu Akademii stroitel'stva i arkhitektury SSSR.
(Paper hanging)

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446720011-5

KOKHANOVSKIY, E.G.; SAFRONOVA, A.A., assistent; LARINA, M.N., dotsent

Problems of planning and business accounting in signaling and communication districts. Avtom., telem. i sviaz' 7 no.11: 16-19 N '63. (MIRA 16:12)

1. Nachal'nik otdela signalizatsii, tsentralizatsii, blokirovki i svyazi Omskogo otdeleniya Zapadno-Sibirskoy dorogi (for Kokhanovskiy). 2. Omskiy institut inzhenerov zheleznodorozhnogo transporta (for Safronova, Larina).

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446720011-5

KISELEVA, M.M., kand.med.nauk ; REUSOVA, Ye.P. ; SAFRONOVA, A.F., kand.med.nauk

Data on the effectiveness of local fluorination. Stomatologiia 38 no.4:10-11 Jl-Ag '59. (MIRA 12:12)

1. Iz kafedry terapevticheskoy stomatologii (zav. - prof. I.A. Begel'man) Khar'kovskogo meditsinskogo stomatologicheskogo instituta.
(FLUORINATION) (TEETH--DISEASES)

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446720011-5

KHODOROV, L.R.; SAFRONOVA, A.V.

Semiautomatic method of interconnecting principal telephone communication channels. Avtom., telem. i sviaz' 4 no.10:15-16 O '60.
(MIRA 13:10)

1. Zamestitel' nachal'nika TSentral'noy stantsii svyazi Ministerstva putey soobshcheniya (for Khodorov). 2. Starshiy inzhener TSentral'noy stantsii svyazi Ministerstva putey soobshcheniya (for Safronova).
(Telephone, Automatic)

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446720011-5

T

USSR/Human and Animal Physiology - Respiration.

Abs Jour : Ref Zhur Biol., No 3, 1959, 12850

Author : Britvan, Ya.M., Safronova, G.B.

Inst : Vinnitsa Medical Institute

Title : Respiratory Disturbance Provoked by Recurrent Painful Stimuli in Experimental Neurosis

Orig Pub : Tr. Vinnitsk, med. in-ta, 1958, 15, No 1, 5-18

Abstract : Conditioned respiratory reflexes (dyspnea) were developed in dogs by combining a bell with electric stimulation of the skin. The condition of neurosis, induced by recurrent painful stimuli, was accompanied by changes in the reflexes, which acquired an erotic or phase character. Changes in the reflexes were distinguished by inertia, but they were reversible and confirmed the disturbance of the regulatory role of the cortex of the cerebral hemisphere. -- S.B. Aronova

Card 1/1

T

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446720011-5"

Country : USSR
Category : Human and Animal Physiology, Circulation

Abs. Jour. : Ref Zhur Biol, No. 2, 1959, No. 8081

Author : Safronova, G.B.
Institut. : Vinnitsa Medical Institute
Title : The Nervous Mechanism of Third-Order Waves of Arterial Pressure.

Orig. Pub. : Tr. Vinnitsk. med. in-ta, 1958, 15, No. 1, 54--62

Abstract : Third-order arterial pressure waves arising in the setting of repeated bleeding in cats and rabbits began after a great number of bleedings against a background of previous urethane or amytal and ether anesthesia. Cheyne-Stokes breathing was usually accompanied by well-defined third-order waves. The depression of the excitability of the central nervous system produced by deep anesthesia interferes with the development of third-order waves.--S.B.Aronova

Card: 1/1

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446720011-5

SAFRONOVA, G. P.

Safronova, G. P. On a method of summation of divergent series related to Jackson's singular integral. Doklady Akad. Nauk SSSR (N.S.) 73, 277–278 (1950). (Russian)

The Jackson integral

$$J_n(x) = \frac{3}{2n\pi(2n^2+1)} \int_{-\pi}^{\pi} f(t) \left\{ \frac{\sin n\frac{1}{2}(t-x)}{\sin \frac{1}{2}(t-x)} \right\}^4 dt$$

can be written in the form

$$J_n(x) = \rho_0^{(n)} \tfrac{1}{2} a_0 + \sum_{k=1}^{2n-2} \rho_k^{(n)} (a_k \cos kx + b_k \sin kx),$$

where $a_k$, $b_k$ are the Fourier coefficients of $f$, and $\rho_k^{(n)}$ are numbers independent of $f$. Thus it leads to a method of summation of the Fourier series of $f$. The author proves that the method is not weaker than $(C, 3)$, and that in this assertion $(C, 3)$ cannot be replaced by $(C, 4)$.

*A. Zygmund* (Chicago, Ill.).

Source: Mathematical Reviews, Vol 12, No. 2.

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446720011-5

SAFRONOVA, G. P.

Safronova, G. P. On a method of summation of nonsingular integrals. Doklady Akad. Nauk SSSR (N.S.) 78, 1101–1104 (1951). (Russian)

The Fourier integral $\int_0^\infty du \int_{-\infty}^{+\infty} f(t) \cos u(t-x)\,dt$ is said to be summable $J$ at a point $x$ to value $s$ if the integral

$$J_\lambda(x) = \frac{96}{\pi\lambda^4} \int_{-\infty}^{+\infty} f(t) \frac{\sin^4 \frac{1}{4}\lambda(t-x)}{(t-x)^4}\,dt$$

exists for all $\lambda$, and if $J_\lambda(x) \to s$ as $\lambda \to \infty$. It is shown that the method $J$ is equivalent to $(C, 3)$. If $f(t)/(1+t^4) \in L(-\infty, +\infty)$, then $J_\lambda(x) \to f(x)$ at every point $x$ at which $f(x)$ is finite and is the derivative of the integral of $f$. See also Safronova, Doklady Akad. Nauk SSSR (N.S.) 73, 277–278 (1950); these Rev. 12, 94. *A. Zygmund* (Chicago, Ill.)

Source: Mathematical Reviews Vol. No.

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446720011-5

SAFRONOVA, G.P.

Determination of the class of trigonometric series. Uch.zap.Len.un. no.144:102-110 '52. (MLRA 9:6)
(Fourier's series)

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446720011-5

SUBJECT USSR/MATHEMATICS/Theory of functions CARD 1/1 PG - 164
AUTHOR SAFRONOVA G.P.
TITLE The application of the Orlicz metric for some problems of the theory of analytic functions.
PERIODICAL Doklady Akad. Nauk 105, 222-224 (1955)
reviewed 7/1956

An earlier result of Smirnov (Journ.phys.math.ob. 2, (1928)) is generalized. Let the function $M(u)$ be defined on $[0,\infty)$ and $\geq 0$. Let be $\overline{\lim}_{u\to+\infty} M(u) = +\infty$.
Let the function $f(z)$ being regular in the unit circle belong to the class $H_M$ if

$$\int_0^{2\pi} M\left[|f(re^{i\theta})|\right] d\theta \leq H \qquad (0\leq r<1).$$

Just so be $f(\theta) \in L_M([0,2\pi])$ if $\int_0^{2\pi} M\left[|f(\theta)|\right] d\theta < +\infty$.

Theorem: Let $M(u)$ and $N(u)$ be convex, for $u=0$ continuous functions, $M(0)=N(0)=0$. If $f(z)\in H_M$, $f(e^{i\theta})\in L_N([0,2\pi])$, then $f(z)\in H_N$. For this theorem some other equivalent assumptions are given, e.g.: the function $N[M^{-1}(u)]$ is convex for $u \geq u_0$.

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SAFRONOVA, G.P.

Call Nr: AF 1108825

Transactions of the Third All-union Mathematical Congress (Cont.) Moscow June-Jul '56, Trudy '56, V. 1, Sect. Rpts., Izdatel'stvo AN SSSR, Moscow, 1956, 237 pp.

Romanovskiy, P. I. (Moscow). On Integral Transformations Analogous To Laplace Transformations. 98

Rymarenko, B. A. (Leningrad). Some Extremal Problems of the Theory of Monotone Functions. 98-99

Sarymsakov, T. A. (Tashkent). Polynomial Sequences With a Regular Distribution of Zeros. 99

Safronova, G. P. (Leningrad). Application of Orlich Metrics to Some Boundary Problems of the Theory of Analytic Function 99-100

Seleznev, A. I. (Gor'kiy). On Functions Which are Monogenic on Never Dense Closed Sets, and on $F_\sigma$ Type Sets. 100-101

Sodnomov, B. S. (Ulan-Ude). Consistancy of Projectivity of Some Uncommon Set. 101-102

Sokolov, I. G. (L'vov). The Residue of Fourier Serves for Differentiable Functions. 102

Card 31/80

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446720011-5"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446720011-5

TATARSKIY, V.B.; FRANK-KAMENETSKIY, V.A.; BURAKOVA, T.N.; NARDOV, V.V.; PETROV, T.G.; KONDRAT'YEVA, V.V.; KAMENTSEV, I.Ye.; CHERNYSHEVA, V.F.; ALEKSEYEVA, N.P.; ARTSYBASHEVA, T.F.; BARANOVSKAYA, N.I.; BUSSEN, I.V.; VEREMEYENKO, I.A.; GNEVUSHEV, M.A.; GOYKO, Ye.A.; KOMKOV, A.I.; KOTOVICH, V.A.; LITVINSKAYA, G.P.; MIKHEYEVA, I.V.; MOKIYEVSKIY, V.A.; PETROVA, L.V.; POPOV, G.M.; SAFRONOVA, G.P.; SOBOLEVA, V.V.; STULOV, N.N.; TUGARINOVA, V.G.; SHAFRANOVSKIY, I.I.; SHTERNBERG, A.A.; YANULOV, K.P.

O.M. Ansheles; obituary. Vest. LGU 12 no.18:152-154 '57.(MIRA 11:3)
(Ansheles, Osip Markovich, 1885-1957)

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446720011-5

SAFRONOYA, G. P., Cand of Phys- Math- Sci -- (diss) "Boundary Problems of the Theory of Analytical Functions," Leningrad, 1959, 5 pp (Leningrad State University im. A. A. Zhdanov) (KL, 7-60, 107)

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446720011-5

16(1)

AUTHOR: Safronova,G.P. SOV/43-59-13-5/16

TITLE: On Some Boundary Value Properties of Analytic Functions

PERIODICAL: Vestnik Leningradskogo universiteta, Seriya matematiki, mekhaniki i astronomii, 1959, Nr 13 (3), pp 52-58 (USSR)

ABSTRACT: Let the function M(u) be defined on $[0,+\infty)$ and not negative, furthermore bounded on every finite interval and $M(u) \xrightarrow[u\to\infty]{} \infty$.

Let a function f(z) analytic in $|z|<1$ belong to the class $H_M$ if

$$\int_0^{2\pi} M\left[|f(re^{i\theta})|\right] d\theta \leqslant H < +\infty \quad (0 \leqslant r < 1).$$

The author considers functions of $H_M$ and gives 8 theorems which either can be concluded immediately from known theorems of M.A. Krasnosel'skiy and P.Ya.Polubarinova-Kochina or generalize scarcely known results of G.Ts.Tumarkin; e.g.:
Let M(u) be continuous on $[0,\infty)$, convex towards below and

Card 1/2

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446720011-5

On Some Boundary Value Properties of Analytic Functions SOV/43-59-13-5/16

$M(0) = 0$. If $f(z) \in H_M$, then $\int M\left[\left|f(re^{i\theta})\right|\right] d\theta$ is absolutely equicontinuous.

The author mentions Ye.D.Solomentsev, V.I.Smirnov, Khinchin, and Ya.B.Rutitskiy.

There are 4 Soviet references.

SUBMITTED: September 25, 1958

Card 2/2

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446720011-5"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446720011-5

ALEKSANDROV, A.D.; AKILOV, G.P.; ASHKEVITS, I.Ya.; VALLANDER, S.V.; VLADIMIROV, D.A.; VULIKH, B.Z.; GABURIN, M.K.; KANTOROVICH, L.V.; KOLBINA, L.I.; LOZINSKIY, S.M.; LADYZHENSKAYA, O.A.; LINNIK, Yu.V.; LEBEDEV, N.A.; MIKHLIN, S.G.; MAKAROV, B.M.; NATANSON, I.P.; NIKITIN, A.A.; POLYAKHOV, N.N.; PINSKER, A.G., SMIRNOV, V.I.; SAFRONOVA, G.P.; SMOLITSKIY, Kh.L.; FADDEYEV, D.K.

Grigorii Mikhailovich Fikhtengol'ts; obituary. Vest. LGU 14 no.19: 158-159 '59. (MIRA 12:9)
(Fikhtengol'ts, Grigorii Mikhailovich, 1888-1959)

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446720011-5

SAFRONOVA, G.P.

Zonal muscovite from northern Karelian pegmatites. Trudy Kar. fil. AN SSSR no.26:143-151 '61. (MIRA 14:7)
(Karelia--Muscovite)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446720011-5"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446720011-5

BOGACHEV, Aleksey Ivanovich; ZAK, Spartak Iosifovich; SAFRONOVA, Galina Petrovna; ININA, Klavdiya Aleksandrovna; ROBONEN, V.I., kand. geol.-miner. nauk, nauchn. red.; REYKHERT, L.A., red.izd-va; GALIGANOVA, L.M., tekhn. red.

[Geology and petrology of the Yelet'ozerskiy gabbroid massif in Karelia; geology, petrography, metallogeny] Geologiia i petrologiia elet'ozerskogo massiva gabbroidnykh porod Karelii; geologiia, petrografiia, petrologiia, metallogeniia. [By] Bogachev, A.I. i dr. Moskva, Izd-vo AN SSSR, 1963. 159 p. (MIRA 16:10)

(Karelia--Gabbro)

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ZAKHAROVA, M.A.; PODZOROVA, D.I.; SAFRONOVA, I.G.

Lithology and phosphate potential of Oligocene sediments of the Lower Miocene in the southern part of Sakhalin. Trudy Sakh.kompl.nauch.-issl. inst. AN SSSR no.10:24-36 '61. (MIRA 15:6)
(Sakhalin—Phosphates)

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RUDI, V.P.; AL'BOTA, N.K.; SAFRONOVA, I.I.

Viscosity and electric conductivity of solutions of carboxymethylcellulose salts. Ukr. khim. zhur. 26 no.6:716-718 '60. (MIRA 14:1)

1. Chernovitskiy gosudarstvennyy universitet, kafedra fizicheskoy khimii.

(Cellulose)

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LEBEDEV, I.V., otv.red.vypuska; KAS'YANOV, M.V., glavnyy red.; GURARI, F.G., zamestitel' glavnogo red.; AMSHINSKIY, N.N., red.; ARUSTAMOV, A.A., red.; DERBIKOV, I.V., red.; KAZARINOV, V.P., red.; KALUGIN, A.S., red.; MALIKOV, B.N., red.; MIKUTSKIY, S.P., red.; ROSTOVTSEV, N.N., red.; SUKHOV, S.V., red.; TESLENKO, Yu.V., red.; UMANTSEV, D.F., red.; SAFRONOVA, I.M., tekhn.red.; RAGINA, G.M., vedushchiy red.

[Biostratigraphy of Mesozoic and Tertiary sedimentsin Western Siberia] Biostratigrafiia mezozoiskikh i tretichnykh otlozhenii Zapadnoi Sibiri. Moskva, Gostoptekhizdat. Vol. 1. 1962. 590 p. Vol. 2. [Atlas of paleontological plates and their explanations] Atlas paleontologicheskikh tablits i ob"iasneniia k nim. 1962. 128 plates. (Its Trudy, no.22). (MIRA 17:4)

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KAZARINOV, V.P., otv.red.vypuska; ROSTOVTSEV, N.N., glavnyy red.; SEGAL', Z.G., vedushchiy red.; GURARI, F.G., zamestitel' glavnogo red.; AMSHINSKIY, N.N., red.; DERBIKOV, I.V., red.; KALUGIN, A.S., red.; MALIKOV, B.N., red.; MIKUTSKIY, S.P., red.; SUKHOV, S.V., red.; TESLENKO, Yu.V., red.; UMANTSEV, D.F., red.; GAVRILOVA, N.V., red.; SAERONOVA, I.M., tekhn. red.

[Geology and prospects for finding oil and gas in the northwestern part of the Siberian Platform.] Geologicheskoe stroenie i perspektivy neftegazonosnosti severo-zapada Sibirskoi platformy. Leningrad, Gostoptekhizdat, 1963. 183 p. [Trudy Sibirskogo nauchno-issledovatel'skogo instituta geologii, geofiziki i mineral'nogo syr'ya, no.28.] (MIRA 16:11)

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PAFFENGOL'TS, Konstantin Nikolayevich. Prinimali uchastiye: GAMKRELIDZE, P.D.; YEFREMOVA, G.M.; MIKLUKHO-MAKLAY, K.V.; RODZYANKO, G.N.; SAFRONOVA, I.N.; ARAKELYAN, R.A., otv.red.; SHTIBEN, R.A., red.izd-va; MINASYAN, M.A., tekhn.red.

[Outline geology of the Caucasus] Geologicheskii ocherk Kavkaza. Sost. P.D.Gamkrelidze i dr. Erevan, Izd-vo Akad.nauk Armianskoi SSR, 1959. 505 p. (MIRA 12:8)
(Caucasus--Geology)

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446720011-5

SAFRONOVA, I.N.

Distribution and ecology of Caragana bongardiana (Fisch. et Mey.) Pojark. Bot. zhur. 50 no.8:1126-1130 Ag '65. (MIRA 18:10)

1. Botanicheskiy institut imeni V.L. Komarova AN SSSR, Leningrad.

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SAFRONOVA, I.N.

Shrub-type steppe and shrub growths in the arid steppe and desert steppe subzones of central Kazakhstan. Bot. zhur. 48 no.10:1527-1533 O '63. (MIRA 17:1)

1. Botanicheskiy institut imeni Komarova AN SSSR, Leningrad.

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ZHIKHAREVICH, S.A.; KARAULOV, A.G.; SAFRONOVA, I.P.; PANICH, B.I.; DRYAPIK, Ye.P.; DYMARSKIY, M.Ya.; MOISEYENKO, A.I.; TARZEYAN, P.G.

Replacing steel, circular-flanged ingot stools by graphite-containing ones. Ogneupory 28 no.10:437-443 '63. (MIRA 16:11)

1. Ukrainskiy nauchno-issledovatel'skiy institut ogneuporov (for Zhikharevich, Karaulov, Safronova). 2. Ukrainskiy nauchno-issledovatel'skiy institut metallov (for Panich). 3. Kommunarskiy metallurgicheskiy zavod (for Dryapik, Dymarskiy, Moiseyenko, Tarzeyan).

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ZHIKHAREVICH, S.A.; ZELENSKAYA, A.T.; SAFRONOVA, I.P.; ZOZULYA, I.S.; VITRENKO, P.M.; CHERNYAVSKAYA, Z.Ya.; ABRAMOVICH, A.M.

Production and service of graphite containing inserts. Ogneupory 29 no.12:536-540 '64. (MIRA 18:1)

1. Ukrainskiy nauchno-issledovatel'skiy institut ogneuporov (for Zhikharevich, Zelenskava, Safronova). 2. Konstantinovskiy ogneupornyy zavod "Krasnyy Oktyabr'" (for Zozulya, Vitrenko, Chernyavskaya, Abramovich).

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446720011-5

KONSTANTINOVA, O.I.; SAFRONOVA, I.S.

Manufacture of nitrolacquer for cellophane based on available raw materials. Khim.volok. no.6:61 '61. (MIRA 14:12)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut iskusstvennogo volokna.

(Lacquer and lacquering) (Nitrocellulose)

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SAFRONOVA, I.V.

MARAKUSHEV, Ye.A.; OBLEZOV, A.I.; SAFRONOVA, I.V.; MINAYEVA, T.M., redaktor; NEKRASOVA, O.I., tekhnicheskiy redaktor

[The VM-50 embroidering machine] Vyshival'naia mashina VM-50. Moskva, Gos. nauchno-tekhn. izd-vo Ministerstva promyshlennykh tovarov shirokogo potrebleniia SSSR, 1954. 75 p. (MLRA 7:10)
(Embroidery (Machine))

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446720011-5

SAFRONOVA, I V

MARAKUSHEV, Yevgeniy Alekseyevich; KHARCHENKO, Nikolay Romanovich; SAFRONOVA, Irina Vasil'yevna; CHAIKHUSH'YAN, L.F., red.; KNAKNIN, M.T., tekhn. red.

[TPP heavy pneumatic semiautomatic press] Tiazhelyi pnevmaticheskii press-poluavtomat TPP. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po legkoi promyshl., 1958. 75 p. (MIRA 11:7)
(Pressing of garments--Equipment and supplies)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446720011-5"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446720011-5

SAFIONOVA, I.V., inzh.

New Russian sewing machines. Leg.prom. 18 no.4:15-18 Ap '58. (MIRA 11:4)
(Sewing machines)

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446720011-5

MARAKUSHEV, Ye.A.; OBLEZOV, A.I.; SAFRONOVA, I.V.; DUKHOVNYY, F.N., red.; SHAPENKOVA, T.A., tekhn.red.

[High-speed PMZ class 97 seamer] Skorostnaia stachivaiushchaia shveinaia mashina 97 klassa PMZ. Moskva, Gos.nauchno-tekhn. izd-vo lit-ry po legkoi promyshlennosti, 1959. 69 p. (MIRA 14:1)

(Sewing machines)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446720011-5"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446720011-5

RUSAKOVA, Sof'ya Matveyevna; SAFRONOVA, I.V., retsenzent; MINAYEVA, T.M., red.; MEDVEDEV, L.Ya., tekhn.red.

[Home sewing machine] Domashniaia shveinaia mashina. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po legkoi promyshl., 1959. (MIRA 12:11)
123 p.

(Sewing machines)

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446720011-5

SAFRONOVA, I.V. (Moskva)

Methods of testing sewing threads. Shvein.prom. no.6:15-16 N-D '61. (MIRA 14:12)

(Thread--Testing)

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446720011-5

MARAKUSHEV, Ye.A.; KUSNER, B.A.; SAFRONOVA, I.V.; TARASOVA, V.P.; POPKOV, V.I., otv. red.; RUSAKOV, S.I., retsenzent; PLEMYANNIKOV, M.N., red.; VINOGRADOVA, G.A., tekhn. red.

[Handbook for workers of the sewing industry] Spravochnik shveinika. Moskva, Gos.izd-vo "Rostekhizdat," Vol.2. 1962. 299 p. (MIRA 15:3)

(Sewing)

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446720011-5

SAFRONOVA, I.V. (Moskva)

New indices in the evaluation of sewing threads. Shvein.prom. no.6:23-26 N-D '62. (MIRA 15:12)
(Thread--Testing)

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446720011-5

SAFRONOVA, I.V., inzh.

Impact work needed for breaking as a characteristic of sewing threads. Izv. vys. ucheb. zav.; tekh. leg. prom. no.2:110-118 '63. (MIRA 16:10)

1. Vsesoyuznyy zaochnyy institut tekstil'noy i legkoy promyshlennosti. Rekomendovana kafedroy tekhnologii shveynogo proizvodstva.

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446720011-5

SAFRONOVA, I.V., inzh.

Changes occurring in the indices of the shaping of the shuttle stitch when using threads of various fiber compositions. Izv. vys. ucheb. zav.; tekh. leg. prom. no.4:119-128 '63. (MIRA 16:10)

1. Vsesoyuznyy zaochnyy institut tekstil'noy i legkoy promyshlennosti. Rekomendovana kafedroy tekhnologii shveynogo proizvodstva.

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446720011-5

SAFRONOVA, I.V., mladshiy nauchnyy sotrudnik

Deformations of the fabric during stitching on bobbin sewing machines. Nauch.-issl. trudy TSNIIShvelproma no.[illegible] '62 (MIRA 17:7)

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446720011-5

BERNSHTEYN, M.L., kand.tekhn.nauk; DEMINA, E.L., inzh.; SAFRONOVA, K.E., inzh.

Thermomechanical treatment of ball bearing steel. Metalloved. i term. obr. met. no.1:23-28 Ja '62. (MIRA 15:1)

1. Moskovskiy institut stali.
(Bearing metals--Metallography) (Deformations (Mechanics))

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446720011-5

LANDA, R.S.; SAFRONOVA, K.I.

Branch conference of coal preparation workers in the Kuznetsk Basin.
Ugol' 40 no.9:75-76 S '65. (MIRA 18:10)

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446720011-5

VIL'DT, Ye.O.; SADOV, F.I.; SENAKHOVA, R.V.; SAFRONOVA, L.I.

Evaluating the degree of dye take-up by favrics in printing and dyeing. Izv. vys. ucheb. zav.; tekh. teks. prom. no.6: 76-80 '65. (MIRA 19:1)

1. Moskovskiy tekstil'nyy institut. Submitted April 3, 1965.

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446720011-5

ZUBCHANINOV, V.V.; ASTROV, O.V.; VOLKOVA, O.D.; KURENKOV, Yu.V.; SAMBUROVA, I.V.; SAFRONOVA, L.I.; SYROVEGINA, G.G.; RADUSHINSKIY, L.A., kand. tekhn.nauk, retsenzent; TILLES, S.A., kand. tekhn. nauk, red.; PETUKHOVA, G.N., red. izd-va; DEMKINA, N.F., tekhn. red.

[Economic efficiency of the automation of production processes in the textile industry] Ekonomicheskaia effektivnost' avtomatizatsii proizvodstvennykh protsessov tekstil'noi promyshlennosti. [By] Zubchaninov, V.V., i dr. Moskva, Mashgiz, 1962. 198 p. (MIRA 15:11)
(Textile industry—Costs) (Automation)

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446720011-5

KAMAY, G.Kh.; NIKOLAYEVA, A.D.; NIKOLAYEV, V.S.; SAFRONOVA, L.M.; GAYDUKOVICH, N.A.

Synthesis of β-bromo-γ-nitropropylene and study of its nitration with nitrogen dioxide. Trudy KKHTI no.30:116-119 '62.
(MIRA 16:10)

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446720011-5

KUZNETSOV, M.V.; KOMAROVA, L.I.; SAFRONOVA, L.P.

3,5-Dinitrobenzoyl hydrazide, a new reagent for a carbonyl group. Izv. AN SSSR. Otd.khim. nauk no.4:750-752 Ap '63. (MIRA 16:3)

1. Irkutskiy institut organicheskoy khimii Sibirskogo otdeleniya AN SSSR.

(Carbonyl group) (Benzoic acid)

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LOYTSYANSKAYA, M.S.; SAFRONOVA, L.Ye.

Phylogenic relationships of acetic acid bacteria. Mikrobiologiia 29 no.3:336-342 My-Je '60. (MIRA 13:7)

1. Leningradskiy gosudarstvennyy universitet im. A.A. Zhdanova.
(ACETOBACTER)

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